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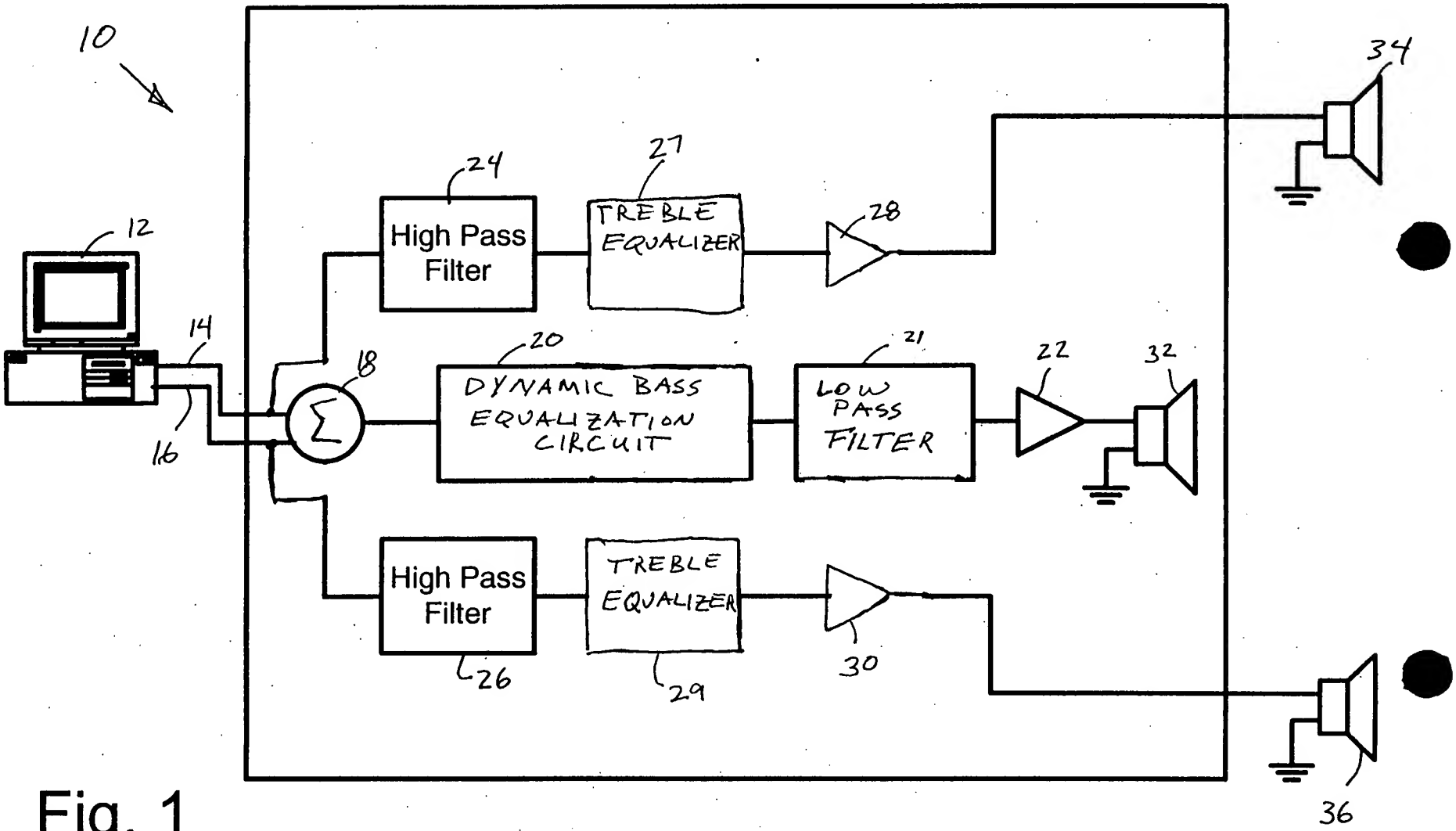


Fig. 1

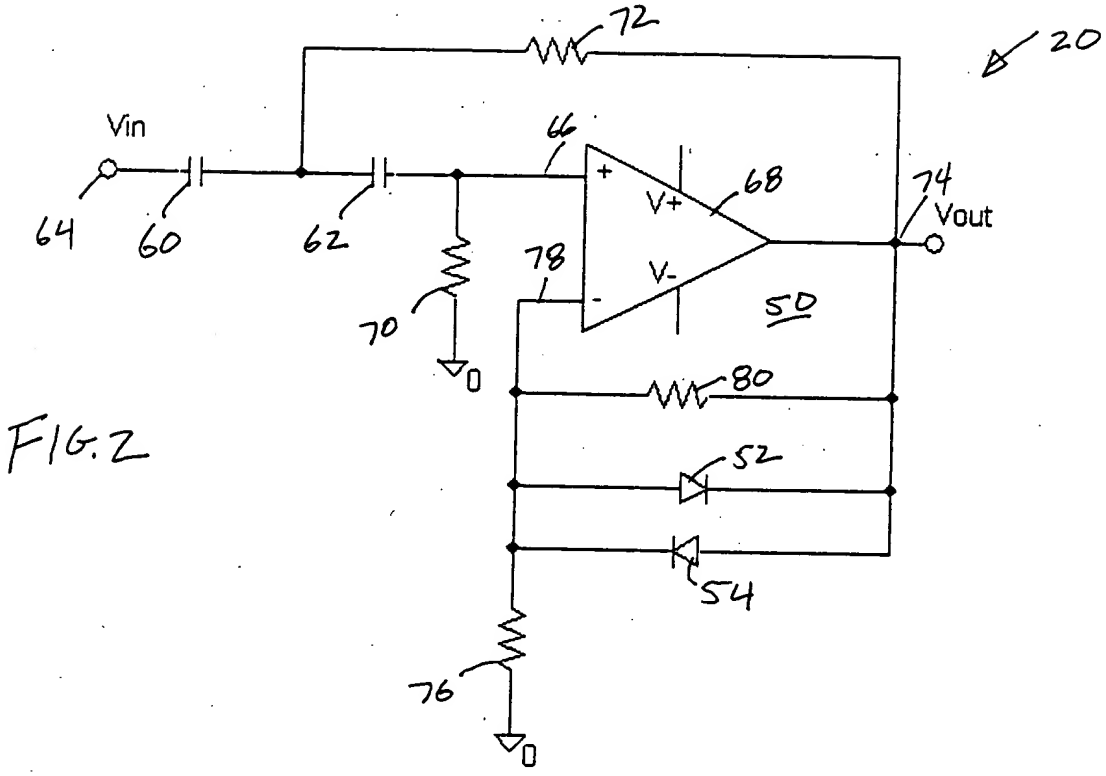


FIG. 2

FIG. 3 - PRIOR ART

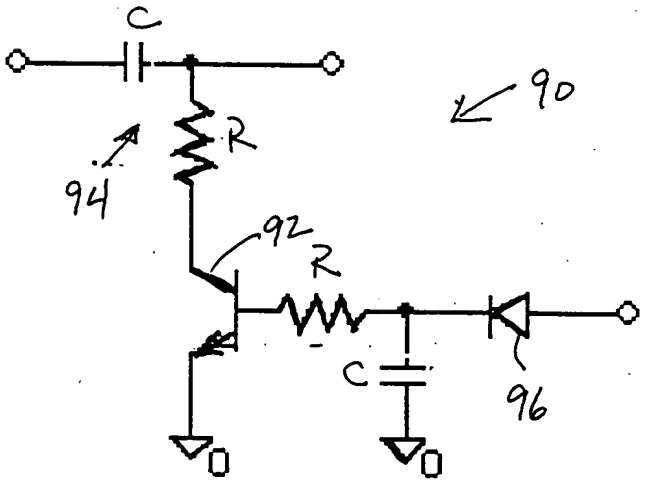


FIG. 4 - PRIOR ART

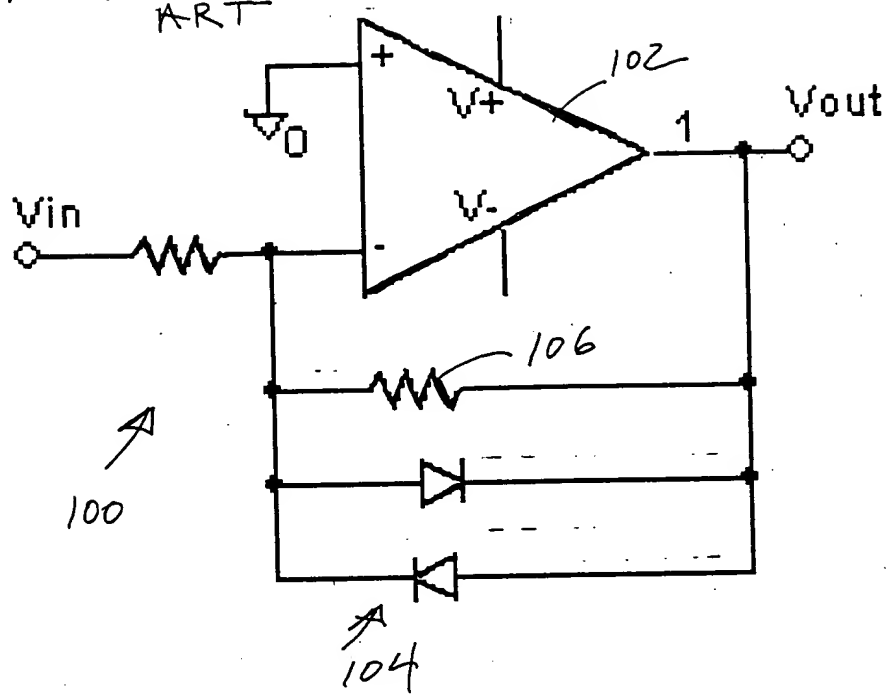


FIG. 5

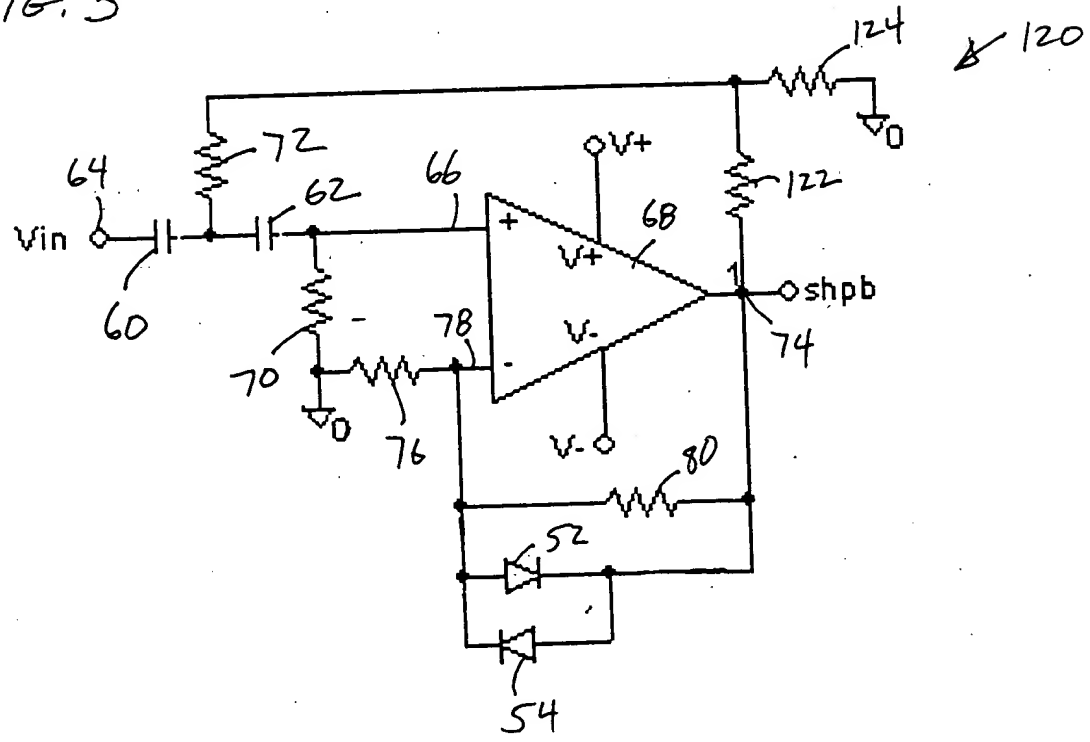


FIG. 6

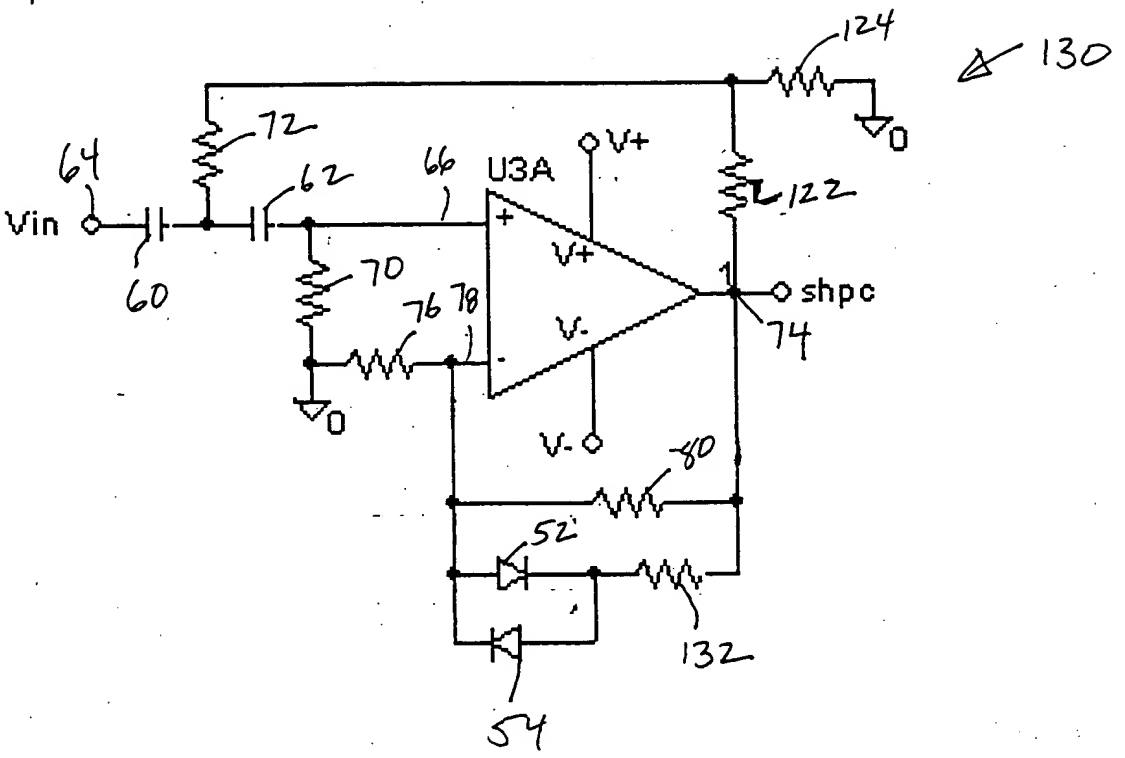
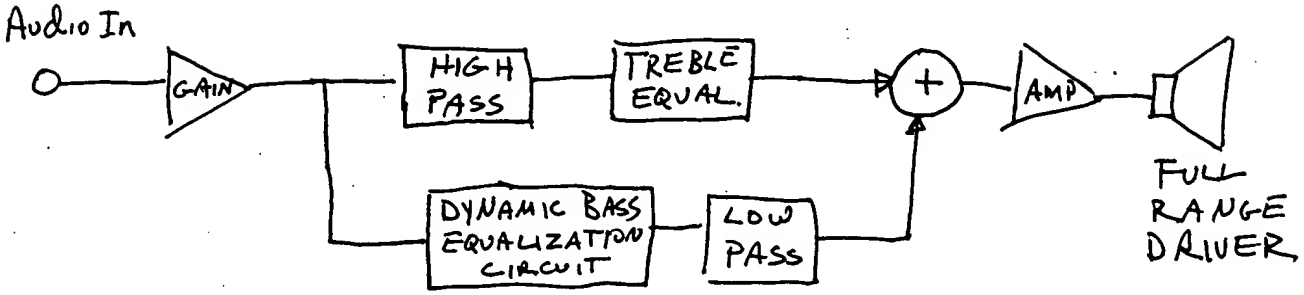

124
130
72
64
62
66
U3A
V+
122
Vin
60
70
76
78
V+
shpc
74
V-
V-
80
52
132
54

FIG. 9


Audio In
GAIN
HIGH PASS
TREBLE EQUAL.
+
AMP
FULL RANGE DRIVER
DYNAMIC BASS EQUALIZATION CIRCUIT
LOW PASS

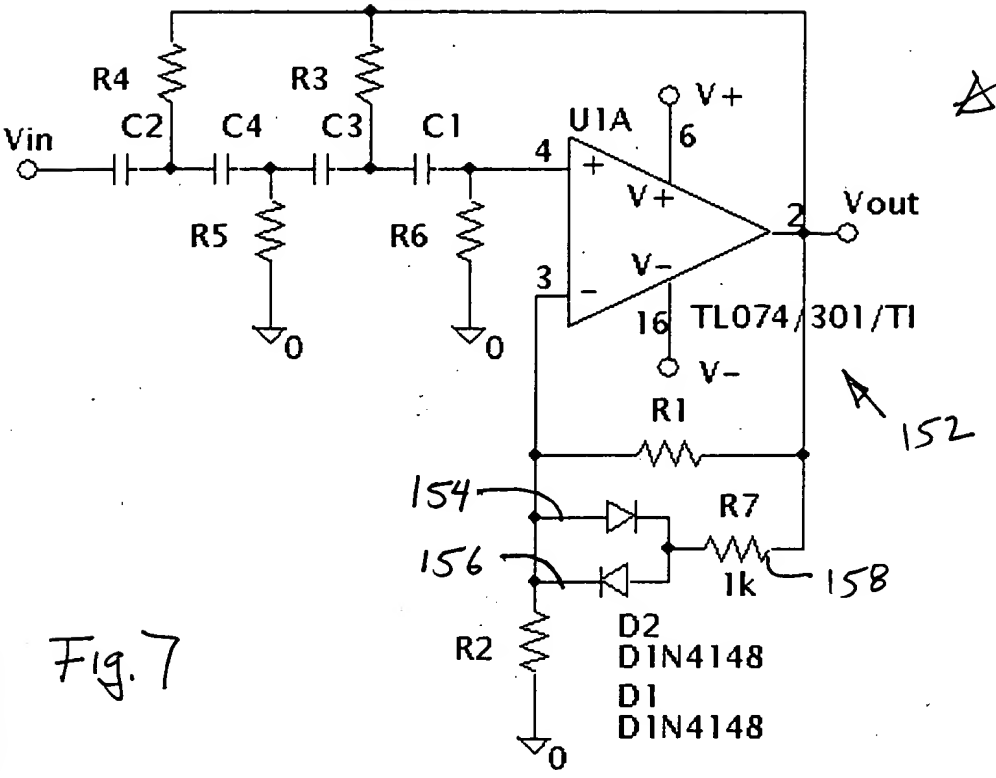

R4
R3
Vin
C2
C4
C3
C1
U1A
V+
6
4
+
V+
2
Vout
R5
R6
V-
3
-
16
TL074/301/TI
V-
R1
154
R7
156
1k
158
D2
D1N4148
R2
D1
D1N4148
0
150
152

Fig. 7

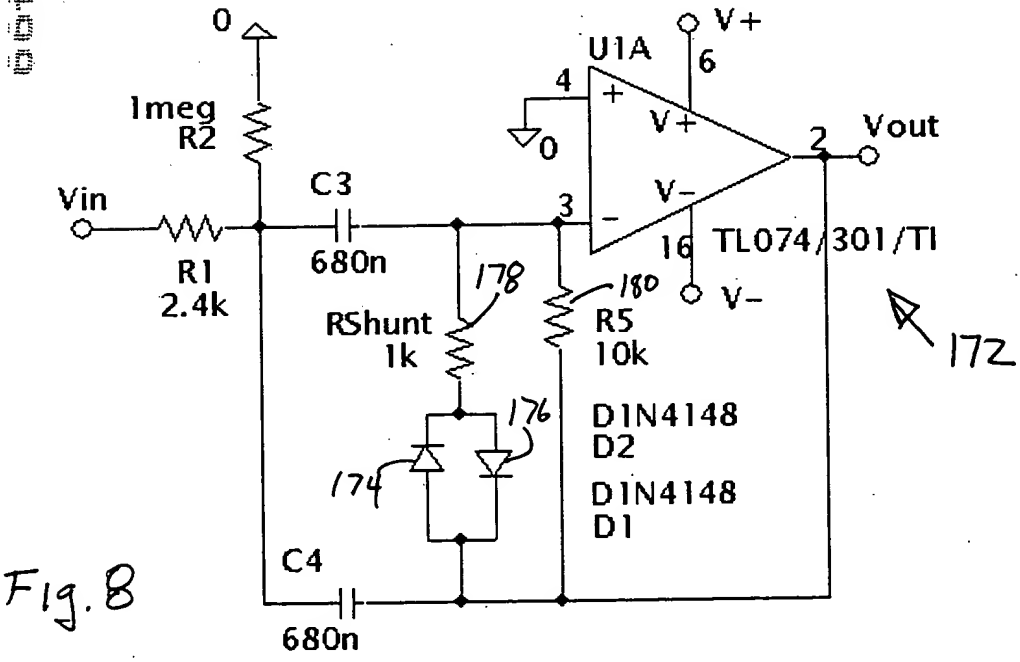

0
V+
U1A
6
4
+
V+
2
Vout
1meg
R2
0
Vin
C3
3
V-
-
16
TL074/301/TI
R1
2.4k
680n
178
180
V-
RShunt
1k
R5
10k
176
D1N4148
D2
174
D1N4148
D1
C4
680n
170
172

Fig. 8